



UNMC TRANSPLANT SYMPOSIUM

Friday, March 8

11:30 a.m. REGISTRATION / LUNCH / POSTER SETUP

12:30 p.m. **Welcome to the UNMC Transplant Symposium**

Moderators: Brian J. Benes, DO and Brian Lowes, MD, PhD

- Orientation to the Symposium and Schedule Review
Brian J. Benes, DO and Brian Lowes, MD, PhD
- Introduction to the Transplant Center
Alan N. Langnas, DO, FACS
- Welcome from Nebraska Medicine
Harris A. Frankel, MD

1:00 p.m. **Current Status of Programs**

Moderators: Natalia E. Castillo Almeida, MD and Roslyn B. Mannon, MD

- Kidney and Pancreas
Alexander T. Maskin, MD, FACS and Clifford D. Miles, MD
- Heart
Brian Lowes, MD, PhD
- Pediatric Heart
Jason M. Cole, MD
- Lung
Aleem Siddique, MBBS, FACS, FACC
- Liver and Intestine
Marco A. Olivera-Martinez, MD
- Pediatric Kidney
Veronica A. Taylor, MD, MS
- Pediatric Liver
Emille Reyes-Santiago, MD
- Pediatric Intestine
Ruben E. Quiros, MD
- Live On Nebraska
Kyle Herber
- Regenerative Medicine
Nora E. Sarvetnick, PhD

2:40 p.m. BREAK

SYMPOSIUM FACULTY

Symposium Director

Alan N. Langnas, DO, FACS

Professor of Surgery; Chief, Division of Transplant Surgery, Department of Surgery, UNMC

Keynote Speaker

Jay A. Fishman, MD

Associate Director, Mass General Transplant Center; Director, Transplant Infectious Diseases and Compromised Host Program, Massachusetts General Hospital; Professor of Medicine, Harvard Medical School, Boston, MA

Symposium Faculty

Brian J. Benes, DO

Assistant Professor, Division of Nephrology, Department of Internal Medicine, UNMC

Katherine Brodahl, PA-C

Advanced Practice Provider, Adult Liver and Intestine Transplant Team, Nebraska Medicine

Natalia E. Castillo Almeida, MD

Assistant Professor, Division of Infectious Diseases, Department of Internal Medicine, UNMC

Mary K. Clark, MSN, RN, CCTC, C-EFM

Manager, Liver/Intestinal Transplant, Nebraska Medicine

Jason M. Cole, MD

Assistant Professor, Division of Cardiology, Department of Pediatrics, UNMC

Jesse L. Cox, MD, PhD

Associate Professor, Director, Molecular Forensics, Department of Pathology, Microbiology and Immunology, UNMC

Harris A. Frankel, MD

Chief Medical Officer and Chief Compliance Officer, Nebraska Medicine; Associate Professor, General Neurology, Department of Neurological Sciences, UNMC



University of Nebraska
Medical Center

Nebraska Medicine

3:00 p.m.

Emerging Topics in Transplantation I

Moderators: Shaheed Merani, MD, PhD, FRCS(C), FACS and Mary Leick, PharmD, BCPS, BCTXP

- Regulatory Landscape of Transplantation: Role of The Organ Procurement and Transplantation Network Membership and Professional Standards Committee (MPSC)
Clifford D. Miles, MD
- What Is New in Cytomegalovirus (CMV)?
Carlos A. Gomez, MD
- Transplant Oncology
Nathalie Khoury, MD
- Questions and Answers

4:00 p.m.

Emerging Topics in Transplantation II

Moderators: Brian J. Benes, DO and Katherine Brodahl, PA-C

- Noninvasive vs. Biopsy Surveillance of Rejection: The Heart Edition
Marshall P. Hyden II, MD
- Noninvasive vs. Biopsy Surveillance of Rejection: The Kidney Edition
Scott G. Westphal, MD
- How to Achieve Successful Outcomes with Liver Transplantation in Patients with Alcohol Use Disorder
Sara Zachman, MD, MPH
- Questions and Answers

5:00 p.m.

POSTER PRESENTATIONS / EXHIBITS / RECEPTION

Moderator: Faruq Pradhan, MBBCh, FRCPC

6:30 p.m.

Dinner / Keynote Presentation

Moderator: Natalia E. Castillo Almeida, MD

- Xenotransplantation
Jay A. Fishman, MD

8:00 p.m.

ADJOURN FOR THE DAY

Carlos A. Gomez, MD

Associate Professor, Division of Infectious Diseases, Department of Internal Medicine, UNMC

Wendy J. Grant, MD, FACS

Professor of Surgery, Division of Transplant, Department of Surgery, UNMC

Molly E. Henry, PharmD, BCTXP

Transplant Pharmacist, Adult Liver and Intestine Transplant Team, Nebraska Medicine

Kyle Herber

President and Chief Executive Officer, Live On Nebraska, Omaha, NE

Marshall P. Hyden II, MD

Assistant Professor; Assistant Director of Heart Transplant, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Cale A. Kassel, MD

Associate Professor, Department of Anesthesiology, UNMC; Section Head, Abdominal Organ Transplant Anesthesiology, Nebraska Medicine

Nathalie Khoury, MD

Assistant Professor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, UNMC

Eric D. Langewisch, MD

Associate Professor, Division of Nephrology, Department of Internal Medicine, UNMC

Mary Leick, PharmD, BCPS, BCTXP

Transplant Pharmacist, Adult Liver and Intestine Transplant Team, Nebraska Medicine

Brian Lowes, MD, PhD

William D. Angle Professor of Cardiology; Section Chief of Heart Failure; Professor; Medical Director, Advanced Heart Failure and Cardiac Transplant Program, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Roslyn B. Mannon, MD

Professor, Division of Nephrology; Vice Chair of Research, Department of Internal Medicine, UNMC

Alexander T. Maskin, MD, FACS

Associate Professor of Surgery; Surgical Director, Kidney and Pancreas Transplantation, Division of Transplant, Department of Surgery, UNMC; Medical Director, Live On Nebraska

Shaheed Merani, MD, PhD, FRCS(C), FACS

Associate Professor, Division of Transplant, Department of Surgery, UNMC

Clifford D. Miles, MD

Professor, Division of Nephrology, Department of Internal Medicine; Medical Director, Kidney and Pancreas Transplantation, Nebraska Medicine

Marco A. Olivera-Martinez, MD

Michael F. Sorrell Distinguished Chair in Internal Medicine; Professor, Division of Gastroenterology and Hepatology, Department of Internal Medicine; Associate Program Director, Transplant Hepatology, UNMC

Saturday, March 9

7:30 a.m. BREAKFAST

8:00 a.m. **Introduction to Day 2**
Faruq Pradhan, MBBCh, FRCPC

8:10 a.m. **Preparing for the Future: Research in Transplantation**
Moderators: Ruben E. Quiros, MD and Abigail Servais, PharmD, BCTXP

- **Clinical Trials in Solid Organ Transplant, What Is on the Horizon?**
Natalia E. Castillo Almeida, MD
- **Desensitization Protocols: Expanding Access to Transplantation**
Jesse L. Cox, MD, PhD
- **Issues with Medication Adherence in Transplant Recipients**
Molly E. Henry, PharmD, BCTXP
- **Put Electrospun Nanofiber Materials To Work for Cell Transplantation**
Jingwei Xie, PhD
- **Donation After Circulatory Death Heart Transplantation – From Bench to Bedside**
Marian Urban, MD, PhD
- **Questions and Answers**

9:40 a.m. **Special Lecture**
Moderator: Natalia E. Castillo Almeida, MD

- **Creating a Breakthrough Transplant Program**
Jay A. Fishman, MD

10:40 a.m. BREAK

11:00 a.m. **Opportunities for the Future of Transplantation**
Moderators: Faruq Pradhan, MBBCh, FRCPC and Brian Lowes, MD, PhD

- **Opportunities in Organ Donation Using Normothermic Regional Perfusion**
John Stallbaum
- **Personalizing Kidney Transplantation: Role and Impact of Eplet Matching**
Eric D. Langewisch, MD
- **Creating a National Liver Transplant Program in Bangladesh**
Mary K. Clark, MSN, RN, CCTC, C-EFM
- **Transplant Anesthesiology – Building a New Sub-Specialty**
Cale A. Kassel, MD
- **Post-Graduate Education in Transplantation**
Wendy J. Grant, MD, FACS
- **Questions and Answers**

12:30 p.m. **Closing Remarks**

- **Abstract Awards**
Faruq Pradhan, MBBCh, FRCPC
- **Meeting Summary**
Roslyn B. Mannon, MD

12:45 p.m. ADJOURN

Faruq Pradhan, MBBCh, FRCPC
Assistant Professor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, UNMC

Ruben E. Quiros, MD
Chief, Division of Gastroenterology, Hepatology and Nutrition; Professor, Pediatrics and Surgery; Medical Director, Pediatric Liver and Intestinal Transplantation; Medical Director, Weight and Wellness Specialty Care; Vice Chair of Culture, Department of Pediatrics, UNMC

Emille Reyes-Santiago, MD
Assistant Professor, Division of Gastroenterology, Hepatology and Nutrition, Department of Pediatrics, UNMC

Nora E. Sarvetnick, PhD
Professor and Director of Holland Regenerative Medicine Program; Research Scientist, Division of Transplant, Department of Surgery, UNMC

Abigail Servais, PharmD, BCTXP
Transplant Pharmacist, Adult Liver and Intestine Transplant Team, Nebraska Medicine

Aleem Siddique, MBBS, FACS, FACC
Associate Professor; Surgical Director for Lung Transplantation; Surgical Director for Aortic Program, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

John Stallbaum
Director of Organ and Hospital Services at Live On Nebraska, Omaha, NE

Veronica A. Taylor, MD, MS
Assistant Professor, Division of Nephrology, Department of Pediatrics, UNMC

Marian Urban, MD, PhD
Associate Professor, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

Scott G. Westphal, MD
Associate Professor, Division of Nephrology, Department of Internal Medicine, UNMC

Jingwei Xie, PhD
Professor of Surgery; Research Scientist, Regenerative Medicine, Division of Transplant, Department of Surgery, UNMC

Sara Zachman, MD, MPH
Assistant Professor, Department of Psychiatry, UNMC